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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/687,216	10/15/2003	Alex I. Allen	Allen-00201	8069
<div>7590 05/30/2007</div> <div>Valley Oak Law #106 5655 Silver Creek Valley Road San Jose, CA 95138</div>				
			<div>EXAMINER</div> <div>CHEN, SHIN HON</div>	
			<div>ART UNIT</div> <div>2131</div>	<div>PAPER NUMBER</div>
			<div>MAIL DATE</div> <div>05/30/2007</div>	<div>DELIVERY MODE</div> <div>PAPER</div>

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/687,216

Applicant(s)

ALTEN, ALEX I.

Examiner

Shin-Hon Chen

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 08 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/09)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. Claims 1-6 have been examined.

Election/Restrictions

2. Applicant's election without traverse of claims 1-6 in the reply filed on 5/8/07 is acknowledged.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-3, 5 and 6 are rejected under 35 U.S.C. 102(e) as being anticipated by Medvinsky, et al. U.S. Pub. No. 20030093694 (hereinafter Medvinsky).

5. As per claim 1 and 6, Medvinsky discloses a method comprising: modifying an original header associated with an original data packet wherein key information is added (Medvinsky: [0099]-[0104]: the secure packets include session ID used to identify security parameters); encrypting original data associated with the original data packet in response to the key information (Medvinsky: [0104]: media stream encryption key is used to encrypt data); and forming an encrypted data packet including the modified header and the encrypted data

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(Medvinsky:[0099]-[0103]), wherein the encrypted data packet is a same size as the original data packet (Medvinsky: [0105]: AES is used; characteristic of stream ciphers/cipher blocks makes them suitable for applications that require the encrypted ciphertext data to be the same size as the original plaintext data).

6. As per claim 2, Medvinsky discloses the method of claim 1. Medvinsky further discloses the method comprises receiving a session identifier (Medvinsky: [0100]).

7. As per claim 3, Medvinsky discloses the method of claim 2. Medvinsky further discloses wherein the modifying further comprises modifying the original header in response to the session identifier (Medvinsky: [0099]-[0104]).

8. As per claim 5, Medvinsky discloses the method of claim 1. Medvinsky further discloses that the original data packet and the encrypted packets utilize Internet Protocol versions not limited to version 4 (Medvinsky: [0099]-[0104]: RTP and RTCP packets).

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Medvinsky.

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11. As per claim 4, Medvinsky discloses the method of claim 1. Medvinsky does not explicitly disclose wherein the modifying further comprises replacing the fragmentation identification and fragment offset of the original header with a mixing key and an offset.

However, Medvinsky discloses the security parameters are included in the header in an IP packet (Medvinsky: [0099]-[0104]). It would have been obvious to one having ordinary skill in the art to replace the fragmentation identification and fragment set of the original header with a mixing key and an offset because IP packet header enables certain field to be used to communicate security parameters associated with the packet.

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Yokote U.S. Pub. No. 20020147820 discloses method for implementing IP security in mobile IP network.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shin-Hon Chen whose telephone number is (571) 272-3789. The examiner can normally be reached on Monday through Friday 8:30am to 5:30pm.

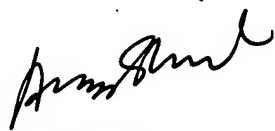
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (571) 272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Shin-Hon Chen
Examiner
Art Unit 2131

SC


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